

IN THE CLAIMS:

Kindly add new claims 21-36 as shown in the following listing of claims, which replaces all previous listings and versions of claims.

1. (previously submitted) A semiautomatic handgun comprising: a frame; a barrel mounted on the frame and having tubular portion defining a chamber for receiving a cartridge and a generally conical portion contiguous with the tubular portion; a slide mounted on the frame and over the barrel and longitudinally movable relative to the slide and the barrel; a firing mechanism for striking the cartridge; and a trigger for releasing the firing mechanism.

2. (previously submitted) A semiautomatic handgun according to claim 1; wherein the semiautomatic handgun is a 9 mm semiautomatic handgun.

3. (previously submitted) A semiautomatic handgun according to claim 1; wherein the semiautomatic handgun has a length of about 5.05 inches, a height of about 4.04 inches, and a thickness of about 0.812 inches.

4. (previously submitted) A semiautomatic handgun according to claim 3; wherein the semiautomatic handgun is a 9 mm semiautomatic handgun.

5. (previously submitted) A semiautomatic handgun according to claim 4; wherein the semiautomatic handgun has an unloaded weight of about 12.9 ounces.

6. (previously submitted) A semiautomatic handgun according to claim 3; wherein the semiautomatic handgun has an unloaded weight in the range of about 12.0 to 12.5 ounces.

7. (previously submitted) A semiautomatic handgun according to claim 1; further comprising a grip for receiving the hand of a shooter; and wherein a line extending perpendicular to a central axis of the barrel intersects the grip at a preselected angle such that the barrel will be aligned axially with the forearm of the shooter when the grip is held in the hand with the top of the shooter's wrist level with the top of the forearm.

8. (previously submitted) A semiautomatic handgun according to claim 7; wherein the preselected angle is in the range of about 9 to 11 degrees.

9. (previously submitted) A semiautomatic handgun according to claim 1; wherein the trigger is pivotally mounted on the frame for movement between a rest position and a depressed position; and further comprising a hammer pivotally mounted on the frame in spaced relation to the trigger, a

trigger bar pivotally connected to the trigger and extending into operative relation with the hammer for cocking the hammer when the trigger is moved to the depressed position, and a biasing member having a first end connected to the frame and a second end connected to the trigger bar for biasing the trigger bar in a direction into operative relationship with the hammer and in a direction for returning the trigger to the rest position from the depressed position.

10. (previously submitted) A semiautomatic handgun according to claim 9; wherein the frame has a first boss and a second boss adjacent the first boss; and wherein the biasing member comprises a torsion spring having a first loop portion encircling the first boss of the frame, a second loop portion extending from the first loop portion at the first end of the torsion spring and resting on the second boss of the frame, at least one coil, and a foot portion connected to the coil at the second end of the torsion spring and connected to the trigger bar.

11. (previously submitted) A semiautomatic handgun according to claim 10; wherein the torsion spring has a first arm connecting the coil to the foot portion and a second arm connecting the coil to the first loop portion.

12. (previously submitted) A semiautomatic handgun according to claim 10; wherein the semiautomatic handgun has a length in the range of about 4.9 to 5.2 inches, a height in the range of about 3.9 to 4.1 inches, and a thickness in the range of about 0.75 to 0.82 inches.

13. (previously submitted) A semiautomatic handgun comprising:

a frame having a forward end, a rear end, a first locating recess disposed between the forward end and the rear end, and a second locating recess disposed at the rear end;

a barrel mounted on the frame and having tubular portion defining a chamber for receiving a cartridge and a generally conical portion contiguous with the tubular portion;

a slide mounted on the frame and over the barrel and longitudinally movable relative to the slide and the barrel;

a firing mechanism for striking the cartridge in the barrel chamber;

a trigger for releasing the firing mechanism, the trigger being pivotally mounted in the first locating recess of the frame for movement between a rest position and a depressed position;

a hammer pivotally mounted in the second locating recess of the frame;

a trigger bar pivotally connected to the trigger and movable in a first direction toward the first locating recess of the frame in response to depression of the trigger to operatively engage the hammer for cocking the hammer;

a biasing member for biasing the trigger bar in a second direction away from the first locating recess and into operative relationship with the hammer and for returning the trigger to the rest position from the depressed position; and

a deflector for deflecting the trigger bar in a direction generally transverse to the first and second directions when the trigger is returned by the biasing member to the rest position from the depressed position.

14. (previously submitted) A semiautomatic handgun according to claim 13; wherein the biasing member comprises a torsion spring having a first end connected to the frame and a second end connected to the trigger bar.

15. (previously submitted) A semiautomatic handgun according to claim 14; wherein the frame has a first boss and a second boss adjacent the first boss; and wherein the torsion spring has a first loop portion encircling the first boss of the frame, a second loop portion extending from the first loop portion at the first end of the torsion spring and resting on the second boss of the frame, at least one coil, and a foot

portion connected to the coil at the second end of the torsion spring and connected to the trigger bar.

16. (previously submitted) A semiautomatic handgun according to claim 15; wherein the torsion spring has a first arm connecting the coil to the foot portion and a second arm connecting the coil to the first loop portion.

17. (previously submitted) A semiautomatic handgun according to claim 13; wherein the semiautomatic handgun is a 9 mm semiautomatic handgun.

18. (previously submitted) A semiautomatic handgun according to claim 17; wherein the semiautomatic handgun has a length of about 5.05 inches, a height of about 4.04 inches, and a thickness of about 0.812 inches.

19. (previously submitted) A semiautomatic handgun according to claim 17; wherein the semiautomatic handgun has an unloaded weight of about 12.9 ounces.

20. (previously submitted) A semiautomatic handgun according to claim 13; further comprising a grip for receiving the hand of a shooter; and wherein a line extending perpendicular to a central axis of the barrel intersects the grip at a preselected angle such that the barrel will be aligned axially with the forearm of the shooter when the grip

is held in the hand with the top of the shooter's wrist level with the top of the forearm.

21. (new) A semiautomatic handgun comprising: a frame; a trigger pivotally mounted on the frame for movement between a rest position and a depressed position; a hammer pivotally mounted on the frame in spaced relation to the trigger; a trigger bar pivotally connected to the trigger and extending into operative relation with the hammer for cocking the hammer when the trigger is moved to the depressed position; and a biasing member having a first end connected to the frame and a second end connected to the trigger bar for biasing the trigger bar in a direction into operative relationship with the hammer and in a direction for returning the trigger to the rest position from the depressed position; wherein the semiautomatic handgun has a length of about 4.7 inches, a height of about 3.6 inches, and a thickness of about 0.94 inches.

22. (new) A semiautomatic handgun according to claim 21; wherein the semiautomatic handgun is a 9 mm semiautomatic handgun.

23. (new) A semiautomatic handgun according to claim 22; wherein the semiautomatic handgun has an unloaded weight of about 12.3 ounces.

24. (new) A semiautomatic handgun according to claim 21; wherein the semiautomatic handgun has an unloaded weight in the range of about 12.0 to 12.5 ounces.

25. (new) A semiautomatic handgun comprising: a frame; a trigger pivotally mounted on the frame for movement between a rest position and a depressed position; a hammer pivotally mounted on the frame in spaced relation to the trigger; a trigger bar pivotally connected to the trigger and extending into operative relation with the hammer for cocking the hammer when the trigger is moved to the depressed position; a biasing member having a first end connected to the frame and a second end connected to the trigger bar for biasing the trigger bar in a direction into operative relationship with the hammer and in a direction for returning the trigger to the rest position from the depressed position; a barrel mounted on the frame; and a grip for receiving the hand of a shooter; wherein a line extending perpendicular to a central axis of the barrel intersects the grip at a preselected angle such that the barrel will be aligned axially with the forearm of the shooter when the grip is held in the hand with the top of the shooter's wrist level with the top of the forearm.

26. (new) A semiautomatic handgun according to claim 25; wherein the preselected angle is in the range of about 9 to 11 degrees.

27. (new) A semiautomatic handgun comprising: a frame having a forward end, a rear end, a first locating recess disposed between the forward end and the rear end, and a second locating recess disposed at the rear end; a trigger pivotally mounted in the first locating recess of the frame for movement between a rest position and a depressed position; a hammer pivotally mounted in the second locating recess of the frame; a trigger bar pivotally connected to the trigger and movable in a first direction toward the first locating recess of the frame in response to depression of the trigger to operatively engage the hammer for cocking the hammer; a biasing member for biasing the trigger bar in a second direction away from the first locating recess and into operative relationship with the hammer and for returning the trigger to the rest position from the depressed position; and a deflector for deflecting the trigger bar in a direction generally transverse to the first and second directions when the trigger is returned by the biasing member to the rest position from the depressed position; wherein the semiautomatic handgun has a length of about 4.7 inches, a height of about 3.6 inches, and a thickness of about 0.94 inches.

28. (new) A semiautomatic handgun according to claim 27; wherein the semiautomatic handgun is a 9 mm semiautomatic handgun.

29. (new) A semiautomatic handgun according to claim 28; wherein the semiautomatic handgun has an unloaded weight of about 12.3 ounces.

30. (new) A semiautomatic handgun according to claim 27; wherein the semiautomatic handgun has an unloaded weight in the range of about 12.0 to 12.5 ounces.

31. (new) A semiautomatic handgun comprising: a frame having a forward end, a rear end, a first locating recess disposed between the forward end and the rear end, and a second locating recess disposed at the rear end; a trigger pivotally mounted in the first locating recess of the frame for movement between a rest position and a depressed position; a hammer pivotally mounted in the second locating recess of the frame; a trigger bar pivotally connected to the trigger and movable in a first direction toward the first locating recess of the frame in response to depression of the trigger to operatively engage the hammer for cocking the hammer; a biasing member for biasing the trigger bar in a second direction away from the first locating recess and into operative relationship with the hammer and for returning the

trigger to the rest position from the depressed position; a deflector for deflecting the trigger bar in a direction generally transverse to the first and second directions when the trigger is returned by the biasing member to the rest position from the depressed position; a barrel mounted on the frame; and a grip for receiving the hand of a shooter; wherein a line extending perpendicular to a central axis of the barrel intersects the grip at a preselected angle such that the barrel will be aligned axially with the forearm of the shooter when the grip is held in the hand with the top of the shooter's wrist level with the top of the forearm.

32. (new) A semiautomatic handgun according to claim 31; wherein the preselected angle is in the range of about 9 to 11 degrees.

33. (new) A semiautomatic handgun comprising: a frame having a forward end, a rear end, a first locating recess disposed between the forward end and the rear end, a second locating recess disposed at the rear end, and a top disposed over the first locating recess and the second locating recess; a trigger pivotally mounted in the first locating recess of the frame for movement between a rest position and a depressed position; a hammer pivotally mounted in the second locating recess of the frame; a trigger bar

pivotally connected to the trigger and movable in a first direction toward the first locating recess of the frame in response to depression of the trigger to operatively engage the hammer for cocking the hammer; a biasing member for biasing the trigger bar in a second direction away from the first locating recess and into operative relationship with the hammer and for returning the trigger to the rest position from the depressed position; and a deflector comprised of a portion of the frame extending between the first locating recess and the second locating recess for deflecting the trigger bar in a direction generally transverse to the first and second directions when the trigger is returned by the biasing member to the rest position from the depressed position; wherein the frame has a top disposed over the first locating recess and the second locating recess; wherein the portion of the frame has a first surface inclined at a first preselected angle relative to the top and a second surface inclined at a second preselected angle relative to the top.

34. (new) A semiautomatic handgun according to claim 33; wherein the first preselected angle is greater than the second preselected angle.

35. (new) A semiautomatic handgun according to claim 34; wherein the first preselected angle is in the range of about 166 to 168 degrees and the second preselected angle is in the range of about 134 to 136 degrees.

36. (new) A semiautomatic handgun according to claim 33; wherein the trigger is pivotally mounted to the frame by a pin extending through an aperture in the first locating recess of the frame; and wherein a distance from a turning point between the first and second inclined surfaces of the portion of the frame to a center of the aperture in the first locating recess of the frame is in the range of about 1.4 to 1.6 inches.